

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-15 13:39:48

Date of Next Testing: 2030-05-14 13:39:48

Product Name: **Molecular sieve sapo-34**

CAS Number:

Specifications & Purity: Average grain size (µm): 1.5 Pore diameter (nm): 0.4 Phosphorus aluminum ratio: 1

Lot #: E2611427

SKU #: **M196702**

Version: **3**

**Analysis #:** **699504**

Storage Temperature: Room temperature

| Parameter              | Limit Values                   | Result                      |
|------------------------|--------------------------------|-----------------------------|
| Specific Surface Area  | $\geq 550$ (m <sup>2</sup> /g) | 550.00000 m <sup>2</sup> /g |
| Average particle size  | 1.2-1.8 (µm)                   | 1.50000 µm                  |
| Relative crystallinity | 95-100 (%)                     | 95.00000 %                  |
| Sodium(Na)             | $\leq 0.1$ (%)                 | 0.05000 %                   |
| Si/ (Si/P/Al)          | 0.8-1.2                        | 0.86000                     |
| Loss of Weight         | $\leq 5$ (%)                   | 2.50000 %                   |
| aperture               | 0.3-0.5 (nm)                   | 0.40000 nm                  |



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QA & QC Manager